



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Richard Maddocks et al.      Art Unit : 3712  
Serial No. : 10/667,977      Examiner : Unknown  
Filed : September 23, 2003  
Title : ELECTROMECHANICAL TOY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

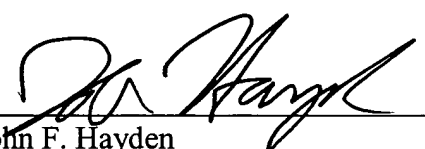
INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449. Copies of the U.S. patent references listed on the accompanying form PTO 1449 are not provided with this statement. Copies of the other references listed on the accompanying form PTO 1449, except for unpublished applications, are provided with this statement.

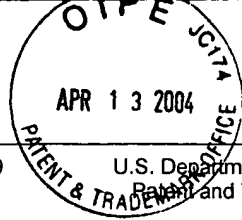
This statement is being filed before the receipt of a first Office action on the merits.  
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Respectfully submitted,

Date: 4/14/04

  
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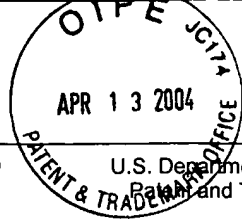
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|--|--|--|--------------------------------------|
| Substitute Form PTO-1449<br>(Modified) | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br><b>06181-915001</b> | Application No.<br><b>10/667,977</b> |
|  |  | Applicant<br><b>Richard Maddocks et al.</b>  |                                      |
|  |  | Filing Date<br><b>September 23, 2003</b>     | Group Art Unit<br><b>3712</b>        |

**Information Disclosure Statement  
by Applicant**  
(Use several sheets if necessary)

(37 CFR §1.98(b))

| U.S. Patent Documents |           |                 |                  |                          |       |          |                            |
|-----------------------|-----------|-----------------|------------------|--------------------------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee                 | Class | Subclass | Filing Date If Appropriate |
|                       | AA        | 112,550         | 03/14/1871       | Clay                     |       |          |                            |
|                       | AB        | 1,639,442       | 08/16/1927       | F. Strauss et al.        |       |          |                            |
|                       | AC        | 1,992,477       | 02/26/1935       | G. Domowitch et al.      |       |          |                            |
|                       | AD        | 2,194,537       | 04/03/1939       | H.D. Adams               |       |          |                            |
|                       | AE        | 2,421,279       | 05/27/1947       | M. Marty                 |       |          |                            |
|                       | AF        | 2,614,365       | 10/21/1052       | Y.H. Mussel White et al. |       |          |                            |
|                       | AG        | 2,620,594       | 12/09/1952       | F. Parisi                |       |          |                            |
|                       | AH        | 3,266,059       | 06/19/1963       | A.M. Stelle              |       |          |                            |
|                       | AI        | 3,484,988       | 12/23/1969       | S. Robbins               |       |          |                            |
|                       | AJ        | 3,940,879       | 03/02/1976       | Glass et al.             |       |          |                            |
|                       | AK        | 3,981,098       | 09/21/1976       | Darda                    |       |          |                            |
|                       | AL        | 4,086,724       | 05/02/1978       | McCaslin                 |       |          |                            |
|                       | AM        | 4,109,913       | 08/29/1978       | Nielsen                  |       |          |                            |
|                       | AN        | 4,125,261       | 11/14/1978       | Lahr                     |       |          |                            |
|                       | AO        | 4,155,197       | 05/22/1979       | Beny et al.              |       |          |                            |
|                       | AP        | 4,165,581       | 08/28/1979       | Wolf                     |       |          |                            |
|                       | AQ        | 4,224,759       | 09/30/1980       | Saint-Pierre et al.      |       |          |                            |
|                       | AR        | 4,231,183       | 11/04/1980       | Lahr                     |       |          |                            |
|                       | AS        | 4,245,515       | 01/20/1981       | Iwaya                    |       |          |                            |
|                       | AT        | 4,248,012       | 02/03/1981       | Kirby et al.             |       |          |                            |
|                       | AU        | 4,276,717       | 07/07/1981       | Zbriger et al.           |       |          |                            |
|                       | AV        | 4,333,261       | 06/08/1982       | Jones et al.             |       |          |                            |
|                       | AW        | 4,363,187       | 12/14/1982       | Shinohara                |       |          |                            |
|                       | AX        | 4,453,712       | 06/12/1984       | Lee                      |       |          |                            |
|                       | AY        | 4,479,327       | 10/30/1984       | Wakimura                 |       |          |                            |
|                       | AZ        | 4,494,417       | 01/22/1985       | Larson et al.            |       |          |                            |
|                       | AAA       | 4,516,951       | 05/14/1985       | Saigo et al.             |       |          |                            |

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| Examiner Signature   | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |

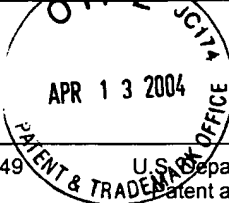


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|--|--|--|--------------------------------------|
| Substitute Form PTO-1449<br>(Modified)<br><br><b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br><br>(37 CFR §1.98(b)) | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br><b>06181-915001</b> | Application No.<br><b>10/667,977</b> |
|  | Applicant<br><b>Richard Maddocks et al.</b>                |  |                                      |
|  | Filing Date<br><b>September 23, 2003</b>                   | Group Art Unit<br><b>3712</b>                |                                      |

| U.S. Patent Documents |           |                 |                  |                  |       |          |                            |
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| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee         | Class | Subclass | Filing Date If Appropriate |
|                       | ABB       | 4,540,176       | 09/10/1985       | Baer             |       |          |                            |
|                       | ACC       | 4,571,208       | 02/18/1986       | Saigo et al.     |       |          |                            |
|                       | ADD       | 4,595,381       | 06/17/1986       | Dibold et al.    |       |          |                            |
|                       | AEE       | 4,601,671       | 07/22/1986       | DeMars           |       |          |                            |
|                       | AFF       | 4,636,177       | 01/13/1987       | Koguchi          |       |          |                            |
|                       | AGG       | 4,655,724       | 04/07/1987       | Law              |       |          |                            |
|                       | AHH       | 4,662,854       | 05/05/1987       | Fang             |       |          |                            |
|                       | AII       | 4,673,371       | 06/16/1987       | Furukawa         |       |          |                            |
|                       | AJJ       | 4,708,688       | 11/24/1987       | Lee              |       |          |                            |
|                       | AKK       | 4,717,364       | 01/05/1988       | Furukawa         |       |          |                            |
|                       | ALL       | 4,795,395       | 01/03/1989       | Oishi et al.     |       |          |                            |
|                       | AMM       | 4,798,553       | 01/17/1989       | Gentles et al.   |       |          |                            |
|                       | ANN       | 4,802,878       | 02/07/1989       | Terzian et al.   |       |          |                            |
|                       | AOO       | 4,815,911       | 03/28/1989       | Bengtsson et al. |       |          |                            |
|                       | APP       | 4,828,525       | 05/09/1989       | Okano            |       |          |                            |
|                       | AQQ       | 4,846,756       | 07/11/1989       | Hesse            |       |          |                            |
|                       | ARR       | 4,923,428       | 05/08/1990       | Curran           |       |          |                            |
|                       | ASS       | 4,944,708       | 07/31/1990       | Kawabe           |       |          |                            |
|                       | ATT       | 4,968,280       | 11/06/1990       | Kelley           |       |          |                            |
|                       | AUU       | 5,011,449       | 04/30/1991       | Handy et al.     |       |          |                            |
|                       | AVV       | 5,056,249       | 10/15/1991       | Sakurai          |       |          |                            |
|                       | AWW       | 5,080,681       | 01/14/1992       | Erb              |       |          |                            |
|                       | AXX       | 5,080,682       | 01/14/1992       | Schectman        |       |          |                            |
|                       | YYY       | 5,195,920       | 03/23/1993       | Collier          |       |          |                            |
|                       | AZZ       | 5,267,886       | 12/07/1993       | Wood et al.      |       |          |                            |
|                       | AAAA      | 5,295,893       | 03/22/1994       | Chiu             |       |          |                            |
|                       | ABBB      | 5,297,443       | 03/29/1994       | Wentz            |       |          |                            |

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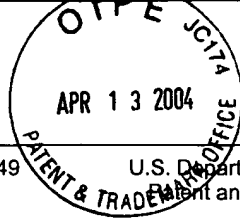
Sheet 3 of 4

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|---|--|--|--------------------------------------|
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|   | Applicant<br><b>Richard Maddocks et al.</b>                |  |                                      |
|   | Filing Date<br><b>September 23, 2003</b>                   | Group Art Unit<br><b>3712</b>                |                                      |

### U.S. Patent Documents

| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee         | Class | Subclass | Filing Date If Appropriate |
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|                  | ACCC      | 5,324,225       | 06/28/1994       | Satoh et al.     |       |          |                            |
|                  | ADDD      | 5,378,188       | 01/03/1995       | Clark            |       |          |                            |
|                  | AEEE      | 5,409,447       | 04/25/1995       | Wedge, Jr.       |       |          |                            |
|                  | AFFF      | 5,498,193       | 03/12/1996       | Locricchio       |       |          |                            |
|                  | AGGG      | 5,647,787       | 07/15/1997       | Raviv et al.     |       |          |                            |
|                  | AHHH      | 5,697,829       | 12/16/1997       | Chainani et al.  |       |          |                            |
|                  | AIII      | 5,724,074       | 03/03/1998       | Chainani et al.  |       |          |                            |
|                  | AJJJ      | 5,846,115       | 12/08/1998       | Feng             |       |          |                            |
|                  | AKKK      | 5,908,345       | 06/01/1999       | Choi             |       |          |                            |
|                  | ALLL      | 5,931,715       | 08/03/1999       | Chang            |       |          |                            |
|                  | AMMM      | 6,053,797       | 04/25/2000       | Tsang et al.     |       |          |                            |
|                  | ANNN      | 6,083,104       | 07/04/2000       | Choi             |       |          |                            |
|                  | AOOO      | 6,139,394       | 10/31/2000       | Maxim            |       |          |                            |
|                  | APPP      | 6,149,490       | 11/21/2000       | Hampton et al.   |       |          |                            |
|                  | AQQQ      | 6,160,986       | 12/12/2000       | Gabai et al.     |       |          |                            |
|                  | ARRR      | 6,200,190B1     | 03/13/2001       | Reynolds         |       |          |                            |
|                  | ASSS      | 6,200,193B1     | 03/13/2001       | Nadel            |       |          |                            |
|                  | ATTT      | 6,250,987       | 06/26/2001       | Choi             |       |          |                            |
|                  | AUUU      | 6,253,058       | 06/26/2001       | Murasaki et al.  |       |          |                            |
|                  | AVVV      | 6,322,420       | 11/27/2001       | Daniellian       |       |          |                            |
|                  | AWWW      | 6,371,826B1     | 04/16/2002       | Pestonji         |       |          |                            |
|                  | AXXX      | 6,386,943 B1    | 05/14/2002       | Chang            |       |          |                            |
|                  | AYYY      | 6,390,883B1     | 05/21/2002       | Choi             |       |          |                            |
|                  | AZZZ      | 6,402,153B1     | 06/11/2002       | Stewart          |       |          |                            |
|                  | AAAAA     | 6,435,936       | 08/20/2002       | Rehkemper et al. |       |          |                            |
|                  | ABBBB     | 6,458,010       | 10/01/2002       | Yamagishi et al. |       |          |                            |
|                  | ACCCC     | 6,497,607B1     | 12/24/2002       | Hampton et al.   |       |          |                            |

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| U.S. Patent Documents |           |                 |                  |                |       |          |                            |
|-----------------------|-----------|-----------------|------------------|----------------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee       | Class | Subclass | Filing Date If Appropriate |
|                       | ADDDD     | 6,514,117       | 02/04/2003       | Hampton et al. |       |          |                            |
|                       | AEEEE     | 6,602,106       | 08/05/2003       | Cheung         |       |          |                            |

| Foreign Patent Documents or Published Foreign Patent Applications |           |                 |                  |                          |       |          |             |    |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|   |           |                 |                  |                          |       |          | Yes         | No |
|   | AFFFF     | DE19755465A1    | 12/03/1997       | Germany                  |       |          | X           |    |
|   | AGGGG     | GB2222959A      | 03/28/1990       | United Kingdom           |       |          |             |    |
|   | AHHHH     | GB2221401A      | 02/07/1990       | United Kingdom           |       |          |             |    |
|   | AIIII     | JP2001-300149   | 10/30/2001       | Japan                    |       |          | X           |    |
|   | AJJJJ     | 11-207042       | 08/03/1999       | Japan                    |       |          | X           |    |

| Other Documents (include Author, Title, Date, and Place of Publication) |           |  |
|---|-----------|--|
| Examiner Initial  | Desig. ID | Document   |
|   | AKKKK     | U.S. Application No. 10/425,992, filed April 30, 2003    |
|   | ALLLL     | U.S. Application No. 10/698,930, filed November 3, 2003  |
|   | AMMMM     | U.S. Application No. 10/305,265, filed November 27, 2002 |

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